

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 196261US55DIV		SERIAL NO. New Divisional Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT STUCKY David et al.			
				FILING DATE Herewith		GROUP 1771	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,491,553	01/01/85	Yamada et al.			
	AB	5,847,016	12/08/98	Cope			
	AC	5,866,264	02/02/99	Zehner et al.			
	AD	2,188,396	01/30/40	Semon			
	AE	2,489,373	11/29/49	Gilman			
	AF	2,519,442	08/22/50	DeLorme et al.			
	AG	2,935,763	05/10/60	Newman et al.			
	AH	3,287,480	11/22/66	Wechsler et al.			
	AI	3,562,373	02/09/71	Logrippo			
	AJ	3,645,939	02/29/72	Gaylord			
	AK	3,864,201	02/04/75	Susuki et al.			
	AL	3,867,493	02/18/75	Seki			
	AM	3,878,143	04/15/75	Baumann et al.			
	AN	3,879,505	04/22/75	Boutillier et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	3 801 574	08/03/89	Germany			X
	AP	2 365 017	04/14/78	France			X
	AQ	WO 90/08020	07/26/90	WIPO-PCT		X	
	AR	2 036 148	06/25/80	Great Britain		X	
	AS	0 586 211	02/19/97	Europe		X	
	AT	0 586 212	03/09/94	Europe		X	
	AU	0 586 213	03/09/94	Europe		X	
	AV	43 07 323	04/15/94	Germany			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	1994/95 Basics of Design Engineering, <i>Machine Design</i> ; pp. 621-622, June 1994					
	AX	<i>Polymer Engineering and Science</i> , Matuana et al., "Processing and Cell Morphology Relationships for Microcellular Foamed PCV/Wood Fiber Composites," Volume 31, Number 7, July 1997, pages 1137-1147.					
	AY	Laurent Matuana-Malanda, Chul B. Park and John J. Balatinecz, "Production of Microcellular Foamed PVC/Wood Fibre Composites: Processing and Cell Morphology Relationship, <i>ANTEC</i> 96, pgs. 1900-1907					
	AZ	L. Matuana-Malanda, C.B. Park and J.J. Balatinecz, "Characterization of Microcellular Foamed PVC/Cellulose-Fibre Composites, <i>Journal of Cellular Plastics</i> , Volume 32 - September 1996, pgs. 449-469					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA	3,922,328	11/25/75	Johnson			
	BB	3,943,079	03/09/76	Hamed			
	BC	3,954,555	05/04/76	Kole			
	BD	3,956,541	05/11/76	Pringle			
	BE	4,012,348	03/15/77	Chelland et al.			
	BF	4,016,232	04/05/77	Pringle			
	BG	4,016,233	04/05/77	Pringle			
	BH	4,018,722	04/19/77	Baker			
	BI	4,029,831	06/14/77	Daunheimer			
	BJ	4,045,603	08/30/77	Smith			
	BK	4,056,591	11/01/77	Goettler et al.			
	BL	4,071,479	01/31/78	Broyde et al.			
	BM	4,071,494	01/31/78	Gaylord			
	BN	4,097,648	06/27/78	Pringle			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	BO	2 104 903	03/16/83	Great Britain	X		
	BP	0 586 211	03/09/94	Europe	X		
	BQ	2 186 655	08/19/87	Great Britain	X		
	BR	2 171 953	09/10/86	Great Britain	X		
	BS	2 270 311	12/05/75	France			X
	BT	2 365 019	04/14/78	France			X
	BU	2 445 885	08/01/80	France			X
	BV	2 564 374	11/22/85	France			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	BW	"Paraloid® Additives for PVC from Rohm and Haas," Product Update, "Paraloid K400 All-Acrylic Modifier for Cellular Vinyl Products," ©1995 Rohm and Haas Company, Philadelphia, Pa.					
	BX	"Suppliers team to expand foam coex into sheet, profiles," from Technology News, Plastics World, Oct. 1996.					
	BY	John R. Patterson and James L. Souder, "A More Efficient Processing Aid for Foamed Vinyl," a reprint from <i>Resin Review</i> , Volume XLV, Number 1, pages 1-8.					
	BZ	"Rigid Vinyl Foam Applications," Rohm and Haas.					
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EXAMINER INITIAL	CA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	CA	4,102,106	07/25/78	Golder et al.			
	CB	4,107,110	08/15/78	Lachowicz et al.			
	CC	4,145,389	03/20/79	Smith			
	CD	4,157,415	06/05/79	Lindenberg			
	CE	4,168,251	09/18/79	Schinzel et al.			
	CF	4,178,411	12/11/79	Cole et al.			
	CG	4,181,764	01/01/80	Totten			
	CH	4,187,352	02/05/80	Klobbie			
	CI	4,191,798	03/04/80	Schumacher et al.			
	CJ	4,203,876	05/20/80	Dereppe et al.			
	CK	4,228,116	10/14/80	Colombo et al.			
	CL	4,239,679	12/16/80	Rolls et al.			
	CM	4,241,133	12/23/80	Lund et al.			
	CN	4,244,903	01/13/81	Schnause			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	CO	2 042 176	04/22/71	Germany			X
	CP	23 44 101	03/06/75	Germany			X
	CQ	58-179242	10/20/83	Japan			X
	CR	60-82319	05/10/85	Japan			X
	CS	63-139946	06/11/88	Japan			X
	CT	2-3280512	02/02/90	Japan			X
	CU	1 443 194	07/21/76	Germany		X	
	CV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	CW	"SAFOAM® AP-40 Chemical Nucleating and Blowing Agent," Reedy International Corporation, Specification Sheet					
	CX	"Measuring Performance Improvements with SAFOAM® in Foam Extrusion Applications," Reedy International Corporation					
	CY	"Celogen Foaming Agents, CELOGEN® AZRV" Product Information from Uniroyal Chemical					
	CZ	Laurent M. Matuana et al., "Processing and Cell Morphology Relationships for Microcellular Foamed PVC/Wood-Fiber Composites," Polymer Engineering and Science, Jul. 1997, vol. 37, No. 7, pp. 1137-1147.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	DA	4,248,743	02/03/81	Goettler			
	DB	4,250,222	02/10/81	Mavel et al.			
	DC	4,263,184	04/21/81	Leo et al.			
	DD	4,263,196	04/21/81	Schumacher et al.			
	DE	4,272,577	06/09/81	Lyng			
	DF	4,273,688	06/16/81	Porzel et al.			
	DG	4,303,019	12/01/81	Haataja et al.			
	DH	4,305,901	12/15/81	Prince et al.			
	DI	4,317,765	03/02/82	Gaylord			
	DJ	4,323,625	04/06/82	Coran et al.			
	DK	4,376,144	03/08/83	Goettler			
	DL	4,382,758	05/10/83	Nopper et al.			
	DM	4,414,267	11/08/83	Coran et al.			
	DN	4,420,351	12/13/83	Lussi et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	DO						
	DP						
	DQ						
	DR						
	DS						
	DT						
	DU						
	DV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	DW	Laurent M. Matuana et al., "Effect of Cell Morphology on the Properties of Microcellular Foamed PCV/Wood-Fiber Composites," Cellular and Microcellular Materials, MD-Vol. 76, ASME 1996, pp. 1-16.					
	DX						
	DY						
	DZ						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	EA	4,430,468	02/07/84	Schumacher			
	EB	2,635,976	04/21/53	Meiler et al.			
	EC	2,680,102	06/01/54	Becher et al.			
	ED	2,789,903	04/23/57	Lukman et al.			
	EE	2,926,729	03/01/60	Zanini			
	EF	3,147,518	09/08/64	Horgan			
	EG	3,308,218	03/07/67	Wiegand et al.			
	EH	3,309,444	03/14/67	Schueler			
	EI	3,349,538	10/31/67	Crossman			
	EJ	3,492,388	01/27/70	Inglin-Knüsel			
	EK	3,493,527	02/03/70	Schueler			
	EL	3,671,615	06/20/72	Price			
	EM	3,844,084	10/29/74	Hubbard et al.			
	EN	3,899,559	08/12/75	Johnanson et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	EO						
	EP						
	EQ						
	ER						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	EW						
	EX						
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	FA	3,904,726	09/09/75	Jacquelin et al.			
	FB	3,931,384	01/06/76	Forquer et al.			
	FC	3,956,555	05/11/76	McKean			
	FD	3,969,459	07/13/76	Fremont et al.			
	FE	4,005,162	01/25/77	Bucking			
	FF	4,033,913	07/05/77	Sundén			
	FG	4,058,580	11/15/77	Flanders			
	FH	4,115,497	09/19/78	Halmø et al.			
	FI	4,248,820	02/03/81	Haataja			
	FJ	4,277,428	07/07/81	Luck et al.			
	FK	4,281,039	07/28/81	Miura et al.			
	FL	4,426,470	01/17/84	Wessling et al.			
	FM	4,440,708	04/03/84	Haataja et al.			
	FN	4,506,037	03/19/85	Suzuki et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	FO						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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	GA	4,455,709	06/26/84	Zanini			
	GB	4,290,988	09/22/81	Nopper et al.			
	GC	4,311,554	01/19/82	Herr			
	GD	4,311,621	01/19/82	Nishizawa et al.			
	GE	4,328,136	05/04/82	Blount			
	GF	4,382,108	05/03/83	Carroll et al.			
	GG	4,393,020	07/12/83	Li et al.			
	GH	4,454,091	06/12/84	Chion et al.			
	GI	4,481,701	11/13/84	Hewitt			
	GJ	4,503,115	03/05/85	Hemels et al.			
	GK	4,508,595	04/02/85	Gåslund			
	GL	4,551,294	11/05/85	Wotka et al.			
	GM	4,562,218	12/31/85	Fornadel et al.			
	GN	4,594,372	06/10/86	Natov et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	GO						
	GP						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	GW						
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	HA	4,597,928	07/01/86	Terentiev et al.			
	HB	4,610,900	09/09/86	Nishibori			
	HC	4,619,097	10/28/86	Trummer et al.			
	HD	4,645,631	02/24/87	Hegenstaller et al.			
	HE	4,659,754	04/21/87	Edwards et al.			
	HF	4,663,225	05/05/87	Farley et al.			
	HG	4,686,251	08/11/87	Ostermann et al.			
	HH	4,687,793	08/18/87	Motegi et al.			
	HI	4,716,062	12/29/87	Klein			
	HJ	4,734,236	03/29/88	Davis			
	HK	4,737,532	04/12/88	Fujita et al.			
	HL	4,769,109	09/06/88	Tellvik et al.			
	HM	4,769,274	09/06/88	Tellvik et al.			
	HN	4,774,272	09/27/88	Lamphere et al.			
FOREIGN PATENT DOCUMENTS							
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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	IA	4,790,966	12/13/88	Sandberg et al.			
	IB	4,818,604	04/04/89	Tock			
	IC	4,820,763	04/11/89	Yang			
	ID	2,489,373	11/29/49	Petri			
	IE	4,652,218	03/24/87	Tsutsui et al.			
	IF	4,717,742	01/05/88	Beshay			
	IG	4,783,493	11/08/88	Motegi			
	IH	4,789,604	12/06/88	van der Hoeven			
	II	4,791,020	12/13/88	Kokta			
	IJ	4,801,495	01/31/89	van der Hoeven			
	IK	4,820,749	04/11/89	Beshay			
	IL	4,851,458	07/25/89	Hopperdietzel			
	IM	4,865,778	09/12/89	Davis			
	IN	4,889,673	12/26/89	Takimoto			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
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	IR						
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	IU						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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	IX						
	IY						
	IZ						
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	JA	4,892,774	01/01/90	Vallance			
	JB	4,894,192	01/16/90	Warych			
	JC	4,915,764	04/10/90	Miani			
	JD	4,927,572	05/22/90	van der Hoeven			
	JE	4,927,579	05/22/90	Moore			
	JF	4,929,688	05/29/90	Agren et al.			
	JG	4,935,182	06/19/90	Ehner et al.			
	JH	4,960,548	10/02/90	Ikeda et al.			
	JI	4,968,463	11/06/90	Levasseur			
	JJ	4,973,440	11/27/90	Tamura et al.			
	JK	4,978,489	12/18/90	Radvan et al.			
	JL	4,978,575	12/18/90	Ziess			
	JM	4,988,478	01/29/91	Held			
	JN	5,002,713	03/26/91	Palardy et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	JO						
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	JQ						
	JR						
	JS						
	JT						
	JU						
	JV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	JW						
	JX						
	JY						
	JZ						
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	KA	5,008,310	04/16/91	Beshay			
	KB	5,009,586	04/23/91	Pallmann			
	KC	5,021,490	06/04/91	Vyvoda et al.			
	KD	5,049,334	09/17/91	Bach			
	KE	5,057,167	10/15/91	Gersbeck			
	KF	5,064,592	11/12/91	Ueda et al.			
	KG	5,075,057	12/24/91	Hoedl			
	KH	5,078,937	01/07/92	Eela			
	KI	5,082,605	01/21/92	Brooks et al.			
	KJ	5,087,400	02/11/92	Theuveny			
	KK	5,088,910	02/18/92	Goforth et al.			
	KL	5,093,058	03/03/92	Harmon et al.			
	KM	5,096,046	03/17/92	Goforth et al.			
	KN	5,096,406	03/17/92	Brooks et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
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	KT						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	KW						
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	KY						
	KZ						
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	LA	5,120,776	06/09/92	Raj et al.			
	LB	5,153,241	10/06/92	Beshay			
	LC	5,164,267	11/17/92	D'Heur et al.			
	LD	5,194,461	03/16/93	Bergquist et al.			
	LE	5,272,000	12/21/93	Chenoweth et al.			
	LF	5,276,082	01/04/94	Forry et al.			
	LG	5,288,772	02/22/94	Hon			
	LH	5,302,634	04/12/94	Mushovic			
	LI	5,369,147	11/29/94	Mushovic			
	LJ	5,406,768	04/18/95	Giuseppe et al.			
	LK	5,474,722	12/12/95	Woodhams			
	LL	5,480,602	01/02/96	Nagaich			
	LM	5,486,553	01/23/96	Deaner et al.			
	LN	5,508,103	04/16/96	Cope			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	LO						
	LP						
	LQ						
	LR						
	LS						
	LT						
	LU						
	LV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	LW						
	LX						
	LY						
	LZ						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	MA	5,532,065	07/02/96	Gübitz et al.			
	MB	5,576,374	11/19/96	Betso et al.			
	MC	5,593,625	01/14/97	Riebel et al.			
	MD	5,635,125	06/03/97	Ternes et al.			
	ME	5,654,091	08/05/97	Kiriazis et al.			
	MF	4,273,688	06/16/81	Porzel et al.			
	MG	4,303,019	12/01/81	Haataja et al.			
	MH	4,305,901	12/15/81	Prince et al.			
	MI	4,317,765	03/02/82	Gaylord			
	MJ	4,323,625	04/06/82	Coran et al.			
	MK	4,376,144	03/08/83	Goettler			
	ML	4,382,758	05/10/83	Nopper et al.			
	MM	4,414,267	11/08/83	Coran et al.			
	MN	4,420,351	12/13/83	Lussi et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	MO						
	MP						
	MQ						
	MR						
	MS						
	MT						
	MU						
	MV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	MW						
	MX						
	MY						
	MZ						
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	NA	5,102,922	04/92	Kimura et al.			
	NB	3,983,295	09/28/76	Murer et al.			
	NC	5,461,839	10/31/95	Beck			
	ND	5,391,585	02/21/95	Grohman			
	NE	5,486,553	01/23/96	Deaner et al.			
	NF	5,088,910	02/18/92	Goforth et al.			
	NG	5,332,602	07/26/94	Barré et al.			
	NH	5,406,768	04/18/95	Giuseppe et al.			
	NI	4,505,869	03/19/85	Nishibori			
	NJ	4,480,061	10/30/84	Coughlin et al.			
	NK	3,888,810	06/10/75	Shinomura			
	NL	5,565,056	10/15/96	Lause et al.			
	NM	5,506,031	04/09/96	Spain et al.			
	NN	5,441,816	08/15/95	Grohman			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	NO						
	NP						
	NQ						
	NR						
	NS						
	NT						
	NU						
	NV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	NW						
	NX						
	NY						
	NZ						
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	OA	5,271,699	12/21/93	Barré et al.			
	OB	5,224,318	07/06/93	Kemerer			
	OC	5,422,399	06/06/95	Cozens et al.			
	OD	5,087,669	02/11/92	Prejean			
	OE	5,346,954	09/13/94	Wu et al.			
	OF	5,516,472	05/14/96	Laver			
	OG	5,497,594	03/12/96	Giuseppe et al.			
	OH	5,585,155	12/17/96	Heikkila et al.			
	OI	5,441,801	08/15/95	Deaner et al.			
	OJ	5,539,027	07/23/96	Deaner et al.			
	OK	5,439,749	08/08/95	Klasell et al.			
	OL	5,518,677	05/21/96	Deaner et al.			
	OM	5,997,784	12/07/99	Karnoski			
	ON	4,187,352	02/80/83	Klobbie			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	OO						
	OP						
	OQ						
	OR						
	OS						
	OT						
	OU						
	OV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	OW						
	OX						
	OY						
	OZ						
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	PA	3,764,642	10/09/73	Boutillier			
	PB	3,879,505	04/22/75	Boutillier et al.			
	PC	3,903,023	09/02/75	Boutillier et al.			
	PD	3,937,777	02/10/76	Wienand et al.			
	PE	3,978,632	09/07/76	Ansted			
	PF	4,028,449	06/07/77	Kakitani et al.			
	PG	4,031,045	06/21/77	Goswami			
	PH	4,234,641	11/18/80	Thompson et al.			
	PI	4,473,665	09/25/84	Martini-Vvedensky et al.			
	PJ	4,510,201	04/09/85	Takeuchi et al.			
	PK	4,948,655	08/14/90	Danese			
	PL	4,956,234	09/11/90	Morales			
	PM	5,102,922	04/07/92	Kimura et al.			
	PN	5,245,141	09/14/93	Fortez et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	PO						
	PP						
	PQ						
	PR						
	PS						
	PT						
	PU						
	PV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	PW						
	PX						
	PY						
	PZ						
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	QA	5,300,533	04/05/94	Dahl et al.			
	QB	5,334,622	08/02/94	Bergvist			
	QC	5,363,611	11/15/94	Richardson et al.			
	QD	5,406,768	04/18/95	Giuseppe et al.			
	QE	5,539,027	07/23/96	Deaner et al.			
	QF	5,847,016	12/08/98	Cope			
	QG	6,054,207	04/25/00	Finley			
	QH	4,929,409	05/29/90	Agren et al.			
	QI	5,075,359	12/24/91	Hoedl			
	QJ						
	QK						
	QL						
	QM						
	QN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	QO						
	QP						
	QQ						
	QR						
	QS						
	QT						
	QU						
	QV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	QW						
	QX						
	QY						
	QZ						
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